



Micrel / Microchip Technology

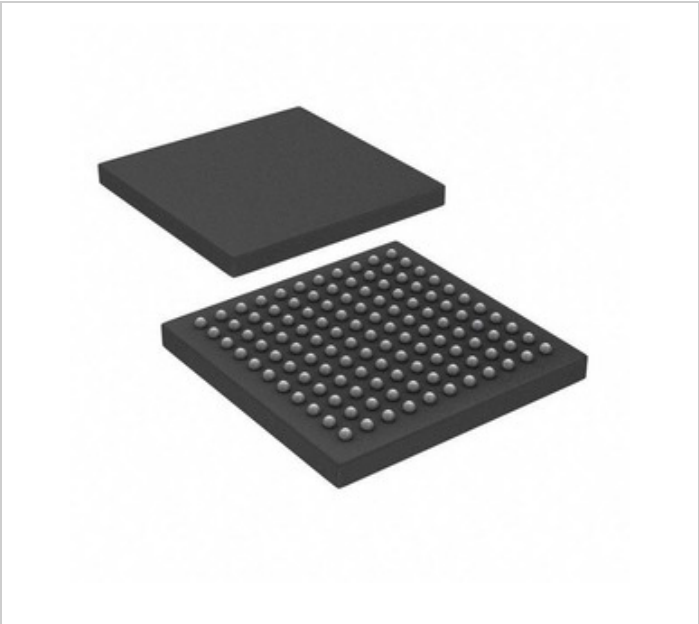


Image may be representation. See specifications for product details.

PIC32MX675F512LT-80V/BG

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX675F512LT-80V/BG                                                                                      |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 512KB FLASH 121BGA                                                                              |
|                     | <a href="#">PDF</a> 1.PIC32MX675F512LT-80V/BG.pdf                                                            |
|                     | <a href="#">PDF</a> 2.PIC32MX675F512LT-80V/BG.pdf                                                            |
|                     | <a href="#">PDF</a> 3.PIC32MX675F512LT-80V/BG.pdf                                                            |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

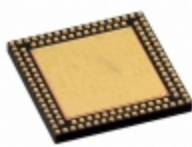
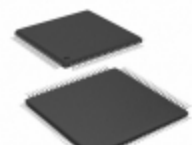
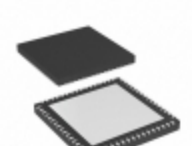
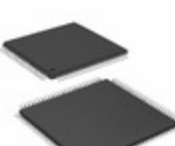
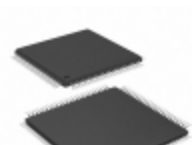
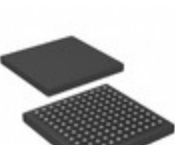
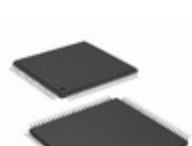
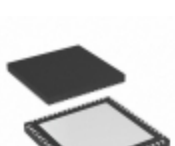
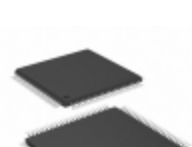
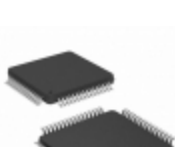
Specifications of PIC32MX675F512LT-80V/BG

|                                  |                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX675F512LT-80V/BG                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                               |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 121BGA                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                  |
| DATA SHEET                       | <a href="#">PDF</a> 1.PIC32MX675F512LT-80V/BG.pdf<br><a href="#">PDF</a> 2.PIC32MX675F512LT-80V/BG.pdf<br><a href="#">PDF</a> 3.PIC32MX675F512LT-80V/BG.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 121-TFBGA (10x10)                                                                                                                                           |
| SPEED                            | 80MHz                                                                                                                                                       |
| SERIES                           | PIC® 32MX                                                                                                                                                   |
| RAM SIZE                         | 64K x 8                                                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                       |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                            |
| PACKAGE / CASE                   | 121-TFBGA                                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                          |
| NUMBER OF I/O                    | 83                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                               |
| MANUFACTURER STANDARD LEAD TIME  | 7 Weeks                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                  |
| EEPROM SIZE                      | -                                                                                                                                                           |
| DETAILED DESCRIPTION             | MIPS32® M4K™ PIC® 32MX Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 121-TFBGA (10x10)                                                             |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                                                                      |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                                                |
| CONNECTIVITY                     | Ethernet, I²C, SPI, UART/USART, USB OTG                                                                                                                     |
| BASE PART NUMBER                 | PIC32MX675F512                                                                                                                                              |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX675F512LT-80V/BG | PIC32MX675F512LT-80V/BG Distributor          | PIC32MX675F512LT-80V/BG Supplier                               |
| PIC32MX675F512LT-80V/BG Price                         | PIC32MX675F512LT-80V/BG Pictures             | PIC32MX675F512LT-80V/BG Image                                  |
| PIC32MX675F512LT-80V/BG PDF Datasheet                 | PIC32MX675F512LT-80V/BG Download Datasheet   | PIC32MX675F512LT-80V/BG Datasheet                              |
| PIC32MX675F512LT-80V/BG Stock                         | Buy PIC32MX675F512LT-80V/BG                  | Buy Micrel / Microchip Technology PIC32MX675F512LT-80V/BG      |
| Micrel / Microchip Technology PIC32MX675F512LT-80V/BG | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
| Micrel / Microchip Technology PIC32MX675F512LT-80V/BG | Microchip Technology PIC32MX675F512LT-80V/BG | Roving Networks / Microchip Technology PIC32MX675F512LT-80V/BG |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>PIC32MX675F512LT-80I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 124VTLA<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>PIC32MX695F512H-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 343 pcs</p> <p>RFQ</p>     |
|  <p><b>PIC32MX675F512LT-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>PIC32MX675F512L-80V/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 3 pcs</p> <p>RFQ</p>      |
|  <p><b>PIC32MX695F512H-80V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 8 pcs</p> <p>RFQ</p>        |  <p><b>PIC32MX675F512LT-80V/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>PIC32MX675F512LT-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>PIC32MX675F512LT-80I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>PIC32MX675F512LT-80I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>PIC32MX695F512H-80I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: Out stock</p> <p>RFQ</p>    |
|  <p><b>PIC32MX675F512L-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 32 pcs</p> <p>RFQ</p>     |  <p><b>PIC32MX695F512H-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: Out stock</p> <p>RFQ</p>   |